

ABSTRACT

This invention provides novel PDE11 genes and polypeptides, and variants, homologues, fragments, and derivatives thereof. This invention also provides vectors and host cells comprising the disclosed nucleotide sequences. This invention further provides antibodies that bind to the PDE11 polypeptides. This invention further yet provides methods for identifying agents that affect the expression or activity of the PDE11 genes and polypeptides. This invention also provides pharmaceutical compositions comprising the PDE11 genes or polypeptides, or inhibitors thereof. This invention additionally provides methods for treating diseases and conditions related to PDE11 activity, or the inhibition thereof.